

FIG. 1

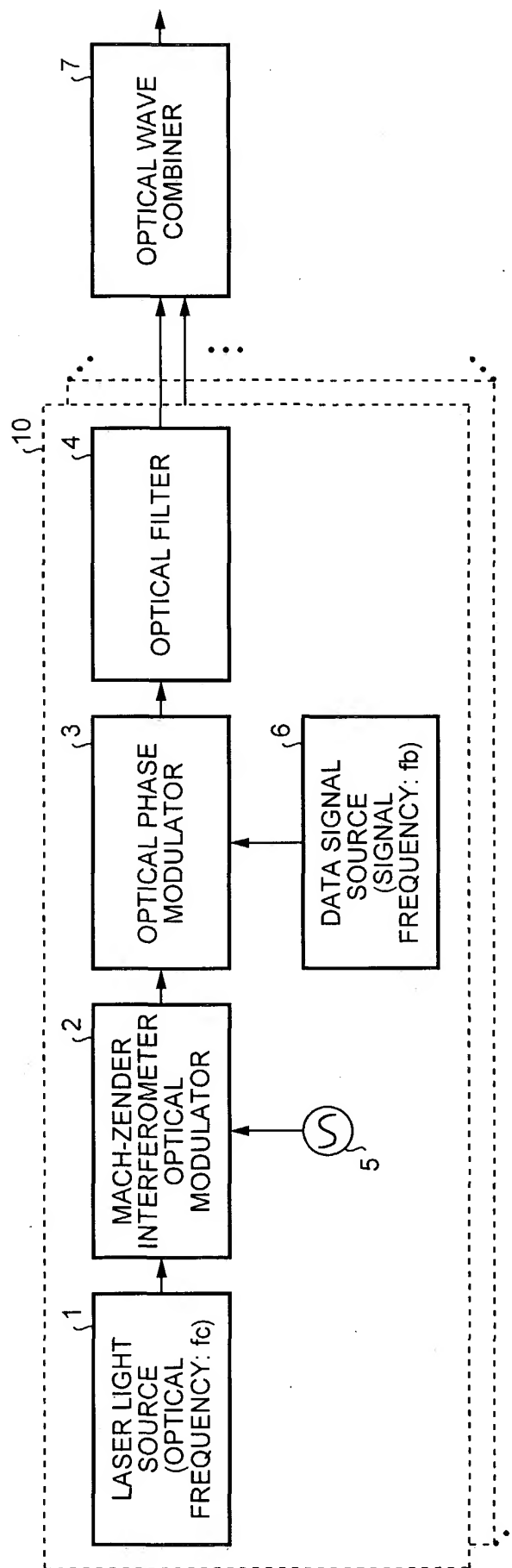


FIG.2A

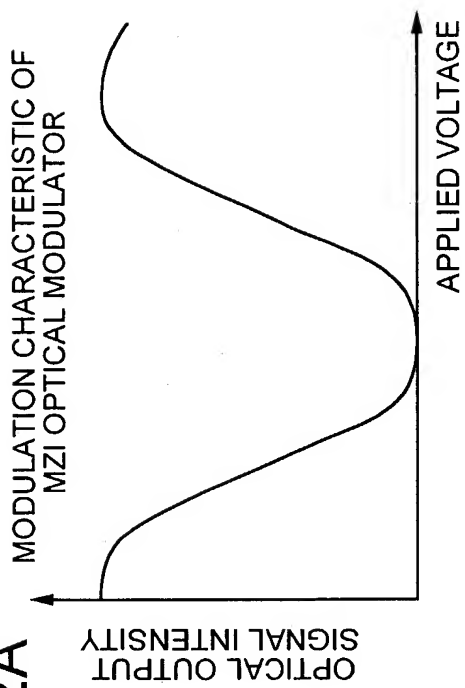


FIG.2B

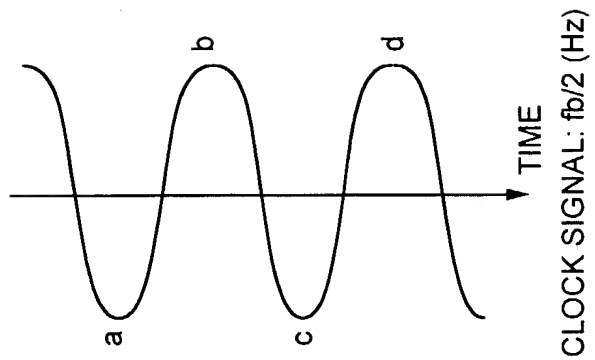


FIG.2C

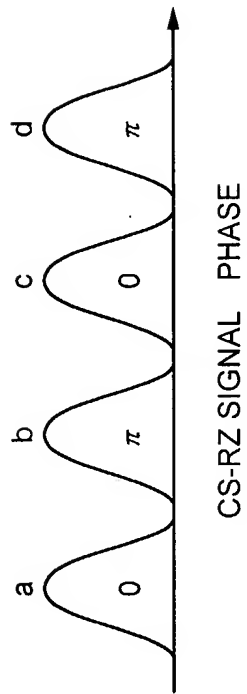


FIG.2D

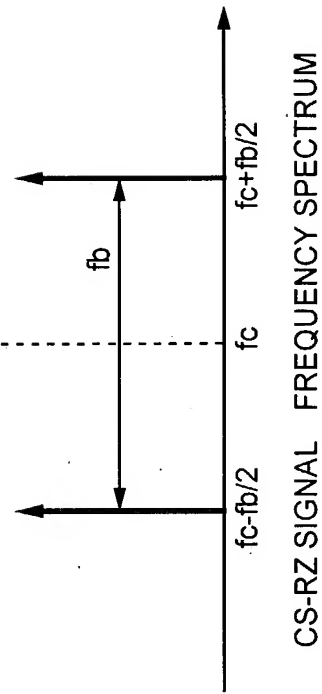


FIG.3

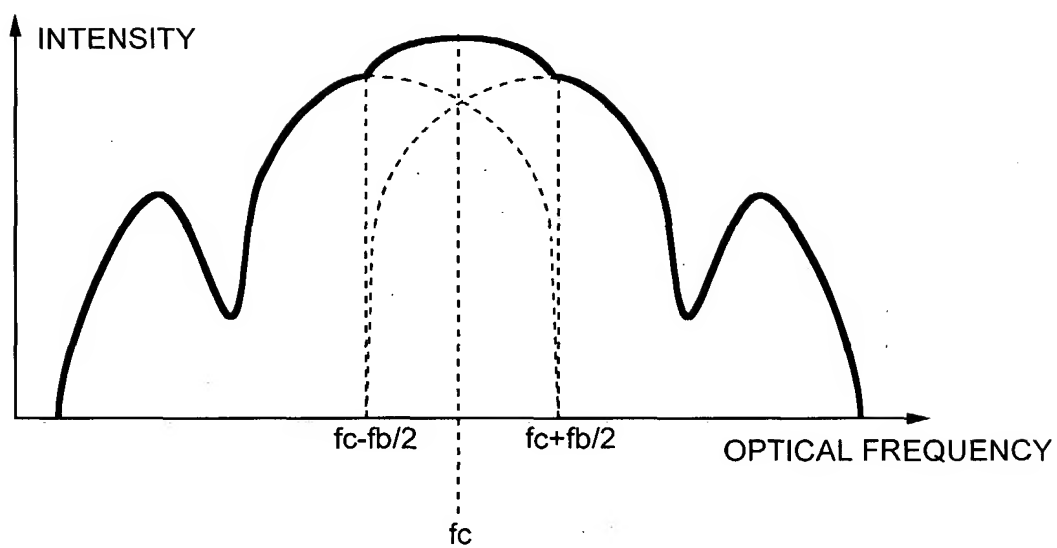


FIG.4

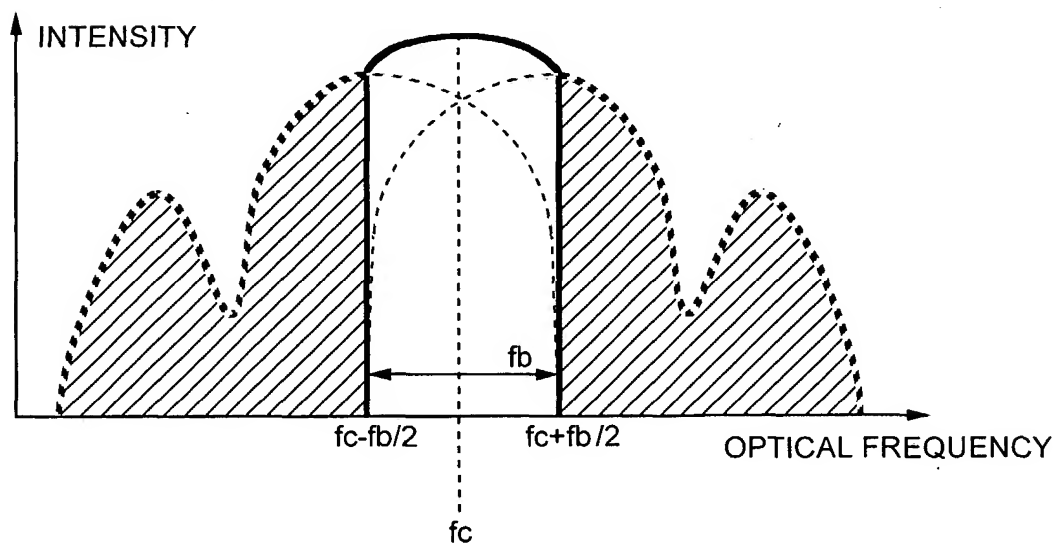
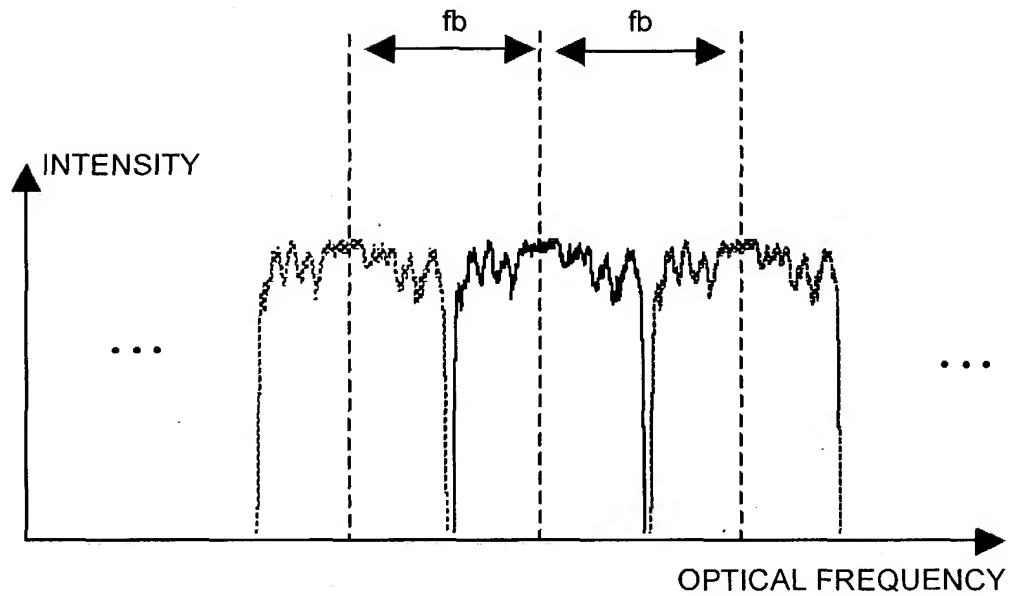
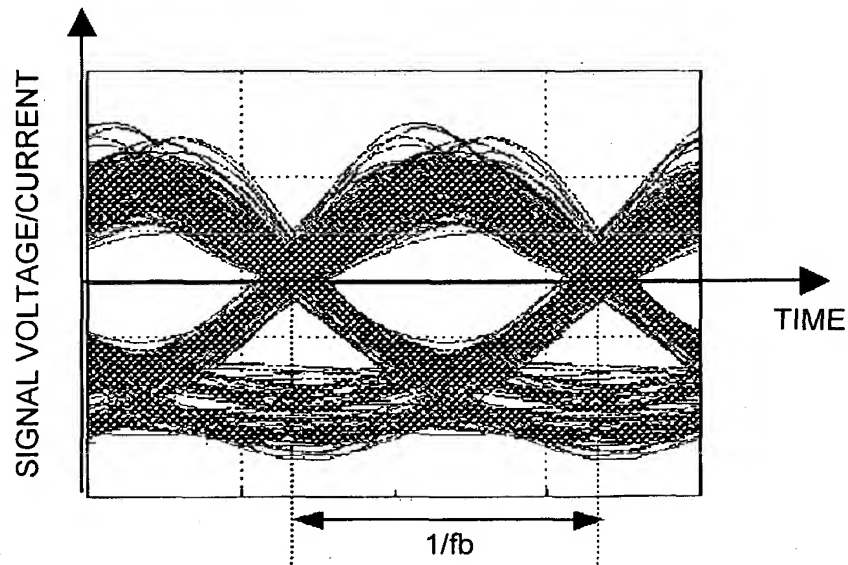


FIG.5A



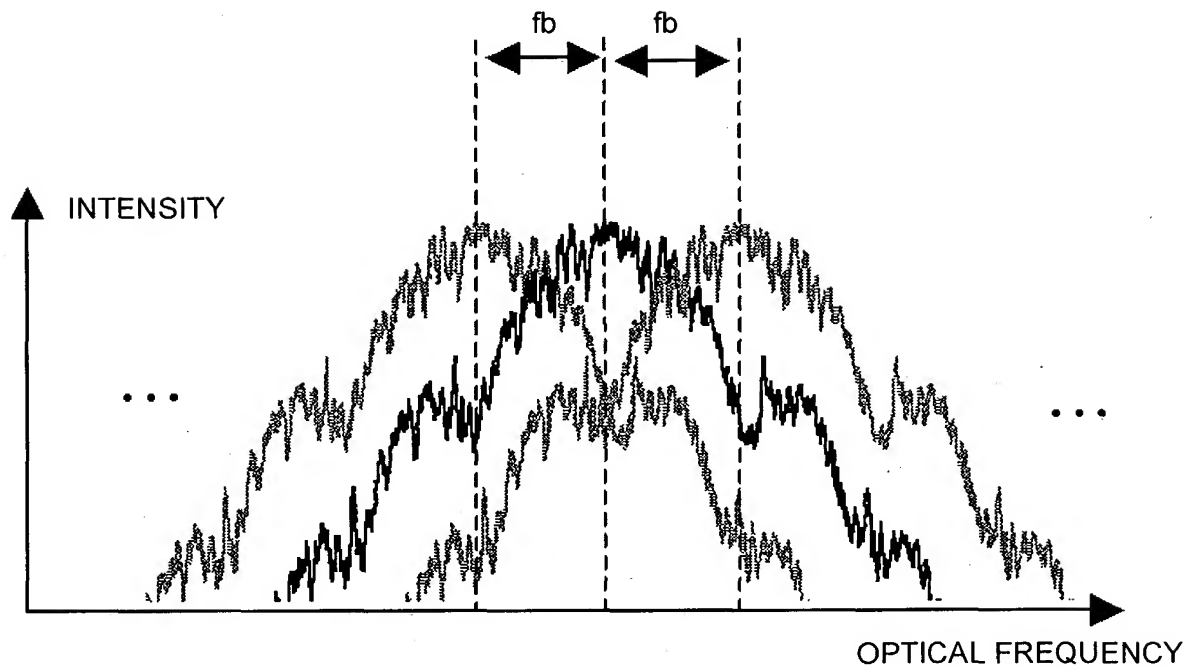
WAVELENGTH-MULTIPLEXED SPECTRUM
(WHEN REDUNDANT FREQUENCY COMPONENTS ARE FILTERED OUT)

FIG.5B



SIGNAL EYE PATTERN
(WHEN REDUNDANT FREQUENCY COMPONENTS ARE FILTERED OUT)

FIG.6



WAVELENGTH-MULTIPLEXED SPECTRUM
(WHEN REDUNDANT FREQUENCY COMPONENTS ARE NOT FILTERED OUT)

FIG. 7

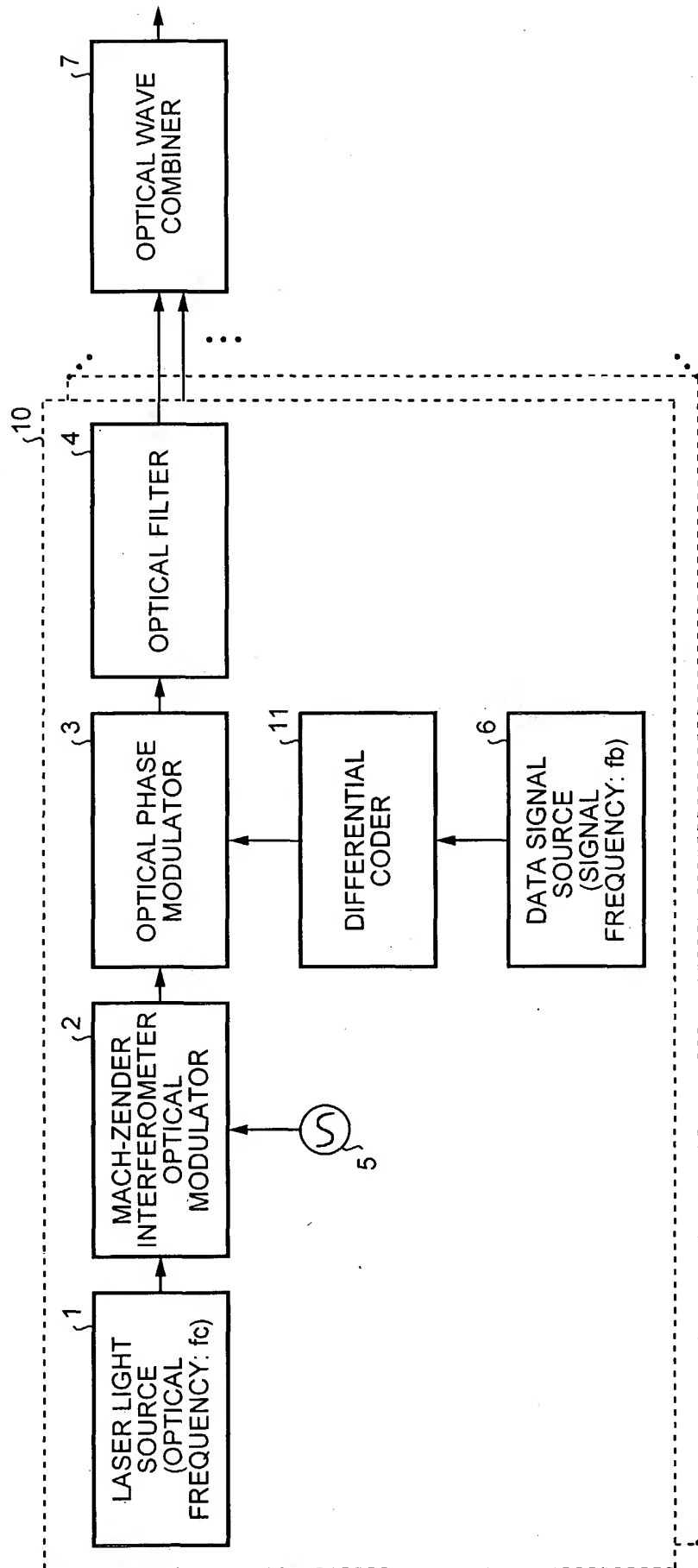


FIG.8

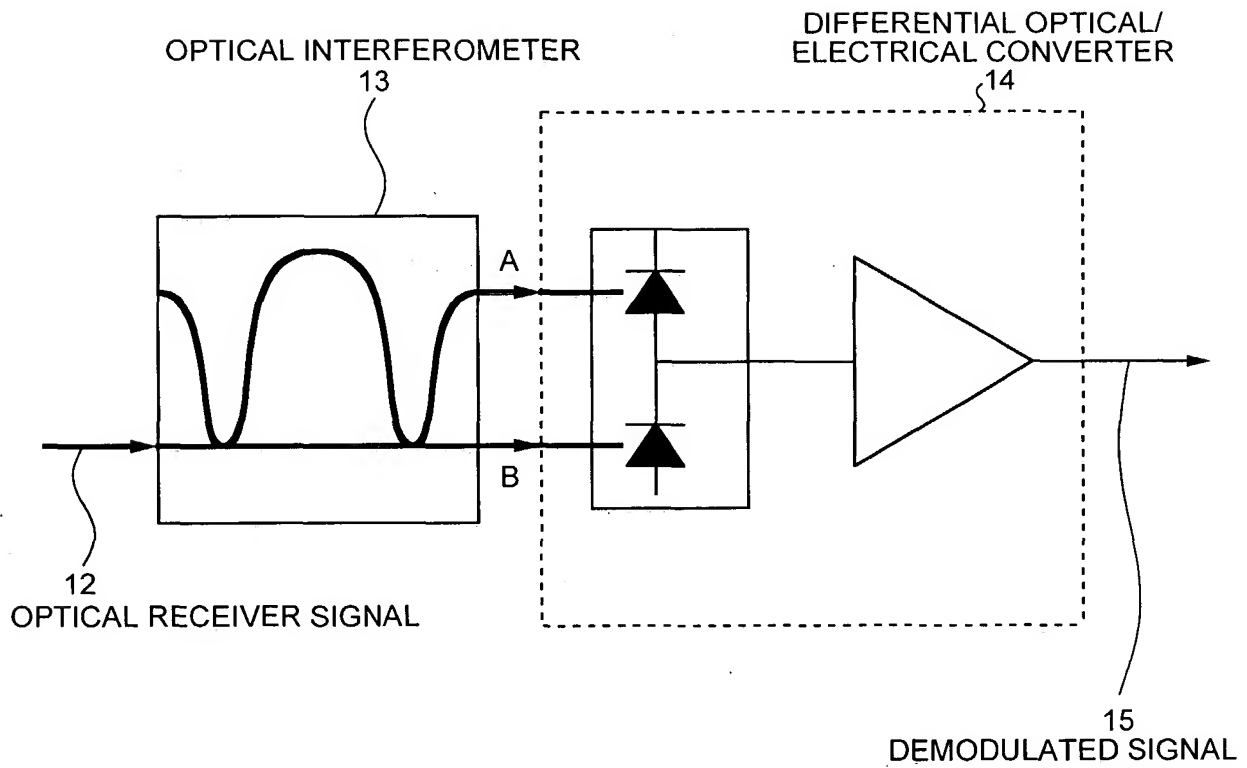


FIG.9

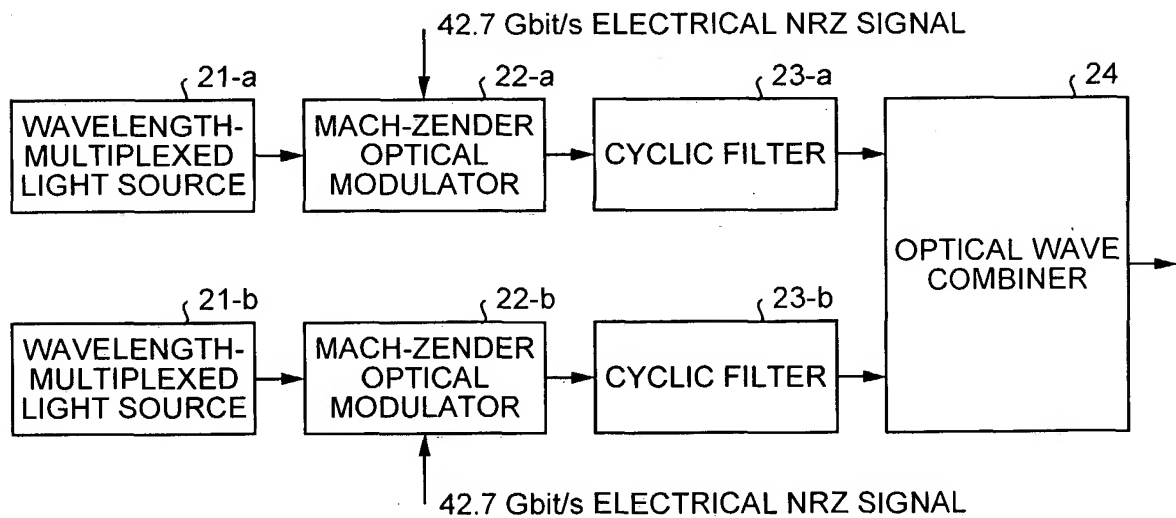
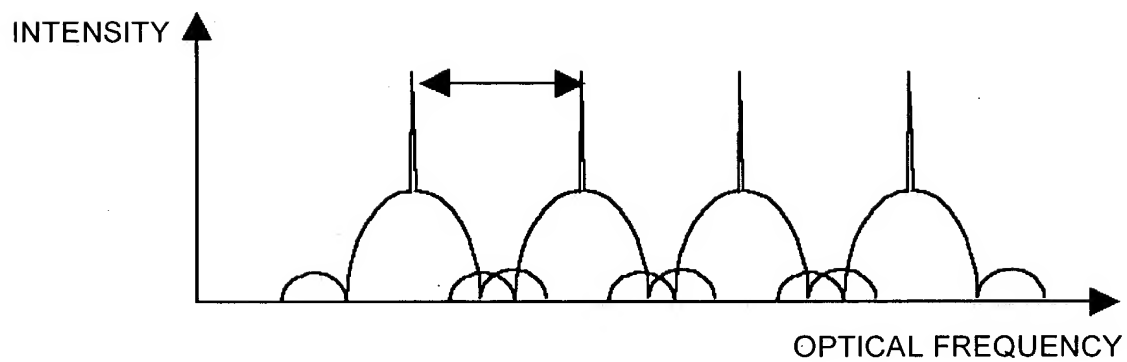
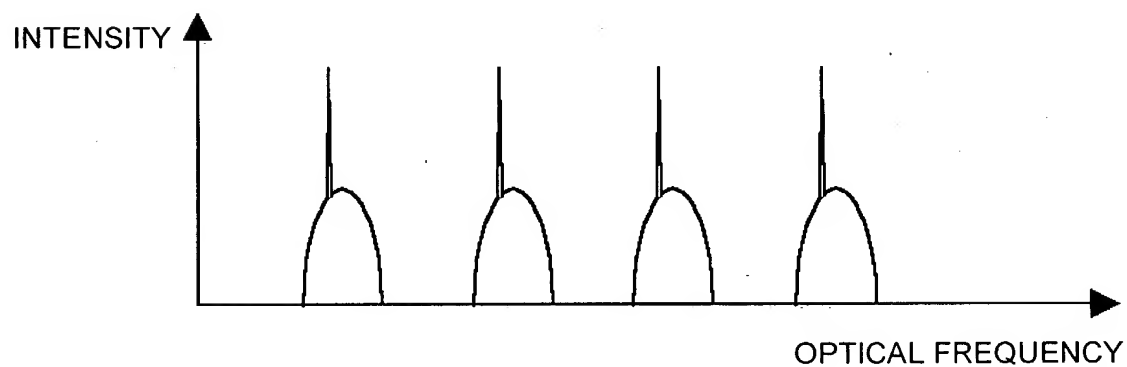


FIG.10A



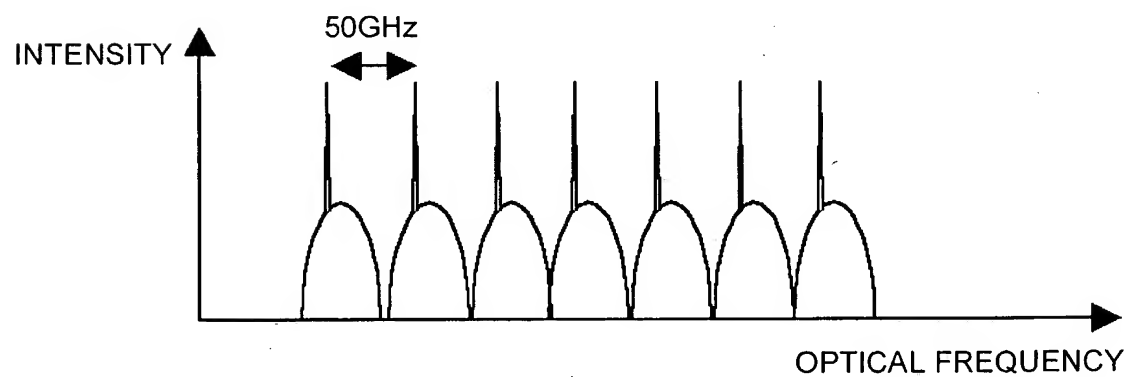
OUTPUT SIGNAL OF MACH-ZENDER OPTICAL MODULATOR

FIG.10B



OUTPUT SIGNAL OF CYCLIC FILTER

FIG.10C



OUTPUT SIGNAL OF OPTICAL WAVE COMBINER